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Express Mail No. ER534274210US

Attorney Docket No.: AM-6180

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF: Edwin Charles Weldon et al.

§ GROUP ART UNIT: 1753

SERIAL NO.: 10/027,683

§  
§ EXAMINER: R. G. McDonald

FILED: December 21, 2001

§  
§  
§

FOR: METHODS OF ROUGHENING  
A CERAMIC SURFACE

§ Attorney Docket No.:  
§ AM-6180

Date: April 6, 2004

**AMENDMENT "A" UNDER 37 CFR § 1.111  
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

Transmitted herewith is applicants' Amendment "A" in response to the Office Action mailed December 8, 2003, having a shortened statutory period for response of March 8, 2004. A Petition for a One Month Extension of Time accompanies Amendment "A", to extend the period for response through April 8, 2004.

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ER534274210US in an envelope addressed to: Mail Stop Amendment (With Fee), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 6, 2004



Shirley L. Church, Reg. No. 31,858

**CLAIMS AS AMENDED**

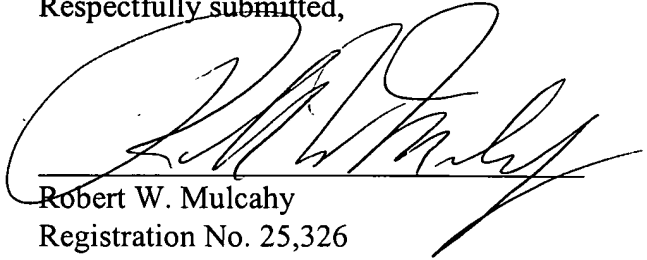
	<u>CLAIMS REMAINING AFTER AMENDMENT</u>		<u>HIGHEST NO. PREVIOUSLY PAID FOR</u>		<u>PRESENT EXTRA</u>		<u>RATE</u>	<u>ADDITIONAL FEE</u>
TOTAL CLAIMS	43	minus	43	=	0	x	\$18.00	\$00.00
INDEPENDENT CLAIMS	5	minus	5	=	0	x	\$86.00	\$00.00
MULTIPLE DEPENDENT CLAIMS			0				\$290.00	\$00.00
ONE MONTH EXTENSION OF TIME							\$110.00	\$110.00
TOTAL FEE DUE								\$110.00

The Commissioner is hereby authorized to charge the amount of \$ 110.00, in payment of the fee for the One Month Extension of Time, as well as any additional fees which may be due with respect to the filing of Amendment "A", and to credit any overpayment, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Express Mail No. ER 534274210 US  
Attorney Docket No.: AM-6180

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'R. W. Mulcahy', is written over a horizontal line.

Robert W. Mulcahy  
Registration No. 25,326  
Attorney for Applicants

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052



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Attorney Docket No.: AM-6180

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Edwin Charles Weldon et al.

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Date: April 6, 2004

**AMENDMENT "A" UNDER 37 CFR § 1.111**

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This Amendment "A" is in response to the Office Action mailed December 8, 2003, having a shortened statutory period for response of March 8, 2004. A Petition for a One Month Extension of time accompanies this Amendment "A", to extend the time for response through April 8, 2004.

Claims 1 - 43 are pending in the application.

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Date: April 6, 2004

  
Shirley L. Church, Reg. No. 31,858

The claims are subject to a Restriction Requirement.

Claims 22 and 23 are rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,620,520, to O'Donnell et al.

Claims 22, 23, and 25 - 32 are rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al.

Claim 24 is rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al., as applied to Claims 22, 23, and 25 - 32, and further in view of U.S. Patent No. 5,558,789, to Singh.

Claims 33, 34, and 36 - 43 are rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al., in view of U.S. Patent No. 5,897,752, to Hong et al.

Claim 35 is rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al., in view of Hong et al., as applied to Claims 33, 34, and 36 - 43, and further in view of Singh.